

SECTOR-WISE QUALIFICATION FOR TRAINING

Sectors	NSQF Job Levels (L)										Total
	L2	L2.5	L3	L3.5	L4	L4.5	L5	L6	L7	Under Revision	
Solar Energy	1	1	3	1	9	0	4	0	0	7	26
Green Hydrogen	0	0	4	0	2	0	2	2	0	0	10
Wind Energy	0	0	1	0	3	0	2	0	0	0	6
Small Hydro	0	0	0	0	1	0	0	0	0	0	1
Bio Energy	0	0	3	0	3	0	1	2	1	0	10
Clean Cooking	0	0	1	0	2	0	1	0	0	0	4
Waste Management	0	0	2	0	2	1	0	1	0	0	6
Water Management	0	0	4	0	1	0	0	0	0	2	7
Sustainability	0	0	2	0	1	0	0	1	0	0	4
Ecotourism	0	0	0	0	1	0	0	0	0	0	1
Forestry	1	0	0	0	1	0	0	0	0	0	2
Total	2	1	20	1	26	1	10	6	1	9	77

TRAINING & ASSESSMENT CAPACITY



Certified Trainers
4717*



Certified Assessors
756*



Trained and Certified Candidates
561720*



No. of States and UTs Covered
28*



Affiliated Training Centers (PAN INDIA)
909*

* Numbers as on June 2024

Qualifications / Job Roles

Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification
BIO-ENERGY	1	Biomass Depot Operator SGJ/Q6207	4	390 hours (including 210 hours of compulsory modules + 60 hours of Employability modules and 120 hours of OJT)	<ul style="list-style-type: none"> 10th Pass with 2 years of experience NSQF Level 3 certified Agri Residue Aggregator with 1 year of suitable experience
	2	Animal Waste Manure Aggregator SGJ/Q6302	3	390 Hours (240 hours with 30 hours employability module + 90 OJT + 60 hours of either elective)	<ul style="list-style-type: none"> 10th Pass
	3	Agri-residue Aggregator SGJ/Q6201	3	330 Hours including 240 hours of compulsory modules with 30 hours of Employability Skills+90 hours of recommended OJT	<ul style="list-style-type: none"> 10th Pass Ability to read and write with 3 years of relevant experience
	4	Feedstock Manager - Procurement and Composition SGJ/Q0501	6	600 hours including Theory : 180 + Practical : 210 + OJT : 120 + ES : 90	<ul style="list-style-type: none"> Pursuing first year of 2-year PG program after completing 3 year UG degree (in relevant field e.g., Agriculture/Environmental Science) Pursuing PG diploma after 3 year UG degree (in relevant field e.g., Agriculture/ Environmental Science). Completed 4 year UG (in case of 4-year UG with honours/ honours with research, in relevant field e.g., Agriculture/Environmental Science etc). 12th Grade Pass with 2 years of Vocational Education & Training with 2 years of relevant experience (e.g. in bioenergy) 12th Grade with 1 year NTC plus 1 year NAC/CITS with 2 year relevant experience (e.g. in bioenergy) 12th grade pass with 4 years relevant experience.(e.g. in bioenergy, etc) Previous relevant Qualification of NSQF Level 5 (e.g. Supervisor – Operations and Maintenance Compressed Biogas/Waste to Energy - Level 5) with 3 years of relevant experience (e.g. in bioenergy/ waste to energy sector, etc)

S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification
5	Manager- Waste Management SGJ/Q6501	6	Total 600 includes Theory : 120 (110+10) + Practical : 150 (130 + 20) + OJT : 240 +ES : 90 (with one elective)	<ul style="list-style-type: none"> Pursuing first year of 2-year PG program after completing 3 year UG degree (in relevant field e.g., Agriculture/Environmental Science) Pursuing PG diploma after 3 year UG degree (in relevant field e.g., Agriculture/Environmental Science). Completed 4 year UG (in case of 4-year UG with honours/ honours with research) (in relevant field e.g., Agriculture/Environmental Science, etc). 12th Grade Pass with 2 years of Vocational Education & Training with 2 years of relevant experience (e.g. in Agriculture/Environmental Science, etc) 12th Grade with 1 year NTC plus 1 year NAC/CITS with 2 year relevant experience (e.g. Agriculture/Environmental Science, etc) 12th grade with 1 year NAC plus CITS with 2 years relevant experience 12th grade pass with 4 years relevant experience. (e.g. in waste management sector, etc) Supervisor – Operations and Maintenance Compressed Biogas/Waste to Energy - Level 5 with 3 years of relevant work experience.
6	Plant Head - Operations Compressed Biogas/ Waste to Energy SGJ/QQ607	7	Total 690 includes : Theory : 180 + Practical : 240 + OJT : 180 + ES : 90	<ul style="list-style-type: none"> Pursuing PhD with no Experience Required Pursuing 2nd year of 2 year PG Eng. with no Experience Required Completed 3 year UG degree with 3 years of relevant experience Completed 4 year UG degree with Honours/ Honours with research with 2 years of relevant experience Previous relevant Qualification of NSQF Level 6 with 3 years of relevant experience
7	Supervisor – Operations & Maintenance Compressed Biogas/ Waste to Energy SGJ/0605	5	Total 510 notional hours (Theory : 180 + Practical : 210 + OJT : 60+ES : 60)	<ul style="list-style-type: none"> Completed 2nd year of UG Pursuing 2nd year of 2-year diploma after 12th with no experience required 12th pass with 1 year Vocational Education & training (NTC or NAC or CITS) Completed 3 year diploma after 10th with 1 year relevant experience 12th Grade pass with 2 year relevant experience.(e.g. in bioenergy, etc) 10th Grade pass with 4 year relevant experience..(e.g. in bioenergy, etc) Previous relevant Qualification of NSQF Level 4 and with minimum education as 8th Grade pass with 3 year relevant experience. (e.g. in bioenergy, etc)
8	Technician – Operations and Maintenance Compressed Biogas/ Waste to Energy SGJ/Q0606	4	Total 420 notional hours (including Theory : 90 + Practical : 150 + OJT : 120 + ES : 60)	<ul style="list-style-type: none"> 12th Grade Pass Completed 2nd year of 3-year diploma (after 10th) and pursuing regular diploma 10th Grade Pass plus 2 year NTC/ 10th Grade Pass plus 1 year NTC plus 1 year NAC 10th Grade Pass with 2 years of relevant experience 8th Pass plus 2 year NTC plus 1 year NAC plus CITS 8TH grade pass with 4 years experience Previous relevant qualification of NSQF Level 3.0 with minimum education as 8th grade pass with 3 years of experience (e.g. in bioenergy)
9	Biomass Pellet Manufacturing Junior Technician SGJ/Q4201	3	Total 300 Hours i.e., 10 Credits (Including 210 Hours of domain NOS + 30 hours of Employability + 60 hours of On the Job Training OJT)	<ul style="list-style-type: none"> 10th grade pass 8th grade pass (with two year of [NTC/ NAC] after 8th) with NA of experience Previous relevant Qualification of NSQF Level (NSQF Level 2.5) with 1-2 Years of experience 1.5-year relevant experience
10	Bio-Energy Micro Entrepreneur SGJ/Q4102	4	450 Hours (70 hours Theory + 110 hours Practical+120 hours of On-the-Job Training (OJT) + 60 hours Employability module + 90 hours any Elective	<ul style="list-style-type: none"> 10th grade pass and pursuing continuous schooling 12th grade pass (all streams) with no experience Completed 2nd year of 3-year diploma (after 10th) 10th grade pass with two years of any combination of NTC/NAC/CITS or equivalent. 8th pass plus 2-year NTC plus 1-Year NAC plus 1-Year CITS 10th Grade Pass with 2 years of relevant experience Previous relevant Qualification of NSQF Level 3 with 3 years of relevant experience
11	Portable Improved Cookstove Assembler SGJ/Q2102	3	330 hours (90 hours Theory + 120 hours Practical + 30 hours employability skills + 90 hours OJT)	<ul style="list-style-type: none"> Ability to read and write with 5 years of experience 5th grade pass with 4 years of experience 8th grade pass with 1 year of experience Grade 9th pass
12	Improved Cookstove Installer SGJ/Q2101	4	390 hours (120 hours Theory + 150 hours Practical + 60 hours Employability Skills + 60 hours OJT)	<ul style="list-style-type: none"> 10th pass with 2 years of experience Certified Portable Improved Cookstove Assembler at NSQF level 3 with 1 year of relevant work experience
13	Clean Cookstove Sales and Maintenance Executive SGJ/Q2104	4	390 hours (120 hours Theory + 150 hours Practical + 60 hours Employability skills + 60 hours OJT)	<ul style="list-style-type: none"> 11th Grade pass 10 grade pass and pursuing continuous schooling 10th Grade pass with 2 years of relevant experience Certified Portable Improved Cookstove Assembler at NSQF level 3 with minimum education as 5th grade pass with 2 year of relevant work experience
14	Clean Cookstove Distributor SGJ/Q2105	5	480 hours (120 hours Theory + 150 hours Practical + 60 hours employability skills + 150 hours OJT)	<ul style="list-style-type: none"> 12th Pass with 1 year vocational education & training(NTC or NAC or CITS) Certified Clean Cookstove Sales and Maintenance Executive/ Improved Cookstove Installer at NSQF level 4 with minimum education as 8th grade pass with 3 years of relevant work experience 12th grade pass with 2 years of relevant experience 10th grade pass with 4 years of relevant experience